

line 3, delete this line;

line 4, delete this line and insert the following paragraphs:

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--OBJECT AND SUMMARY OF THE INVENTION

It is the primary object of the invention to overcome the above described disadvantages.

In accordance with the invention, a device for coupling a short laser into a microscope beam comprises a dispersive element for spatially separating the spectral components of the laser radiation, means for manipulating individual spectral components and another dispersive element for spatially superimposing the manipulated individual spectral components.

BRIEF DESCRIPTION OF THE DRAWINGS

In the drawings:

Fig. 1 is a block diagram of the arrangement in accordance with the invention;

Fig. 2a is a schematic representation of a 4f system;

Fig. 2b is a schematic representation of a folded 4f system; and

Fig. 3 shows schematically the dispersive splitting and continuation of a red component r and a blue component b passing the manipulator and the wavelength shape along a direction x to the manipulator.

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DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

line 15, after "transmission." insert --The modulator is also referred to herein as a manipulator of spectral components†;